

REMARKS

Claims 1-35 are pending. In this paper, claims 1, 3, 6, 7, 9, 11, 18, 20, 22, 23, and 33 have been amended for clarification purposes and the specification has been amended to correct a typographical error.

Reconsideration of the application is respectfully requested for the following reasons.

I. The Rejection under 35 USC § 112, Second Paragraph

In the Final Office Action, claims 1-35 were rejected under 35 USC § 112, second paragraph, on grounds that the wording regarding the acknowledgment information in claim 1, 11, and 22 is unclear. Claims 1 and 11 have been amended to unambiguously recite: “transmission of the additional data units controlled based on the varied transmitting window size.” Claim 22 already recites these features in an unambiguous manner: “the acknowledgment information controlling transmission of said additional PDUs based on the varied transmitting window size.”

Also, claim 11 was objected to on grounds that a buffer does not process data units. To clarify these features, claim 11 has been amended to recite that window size update information is transmitted from a receiving entity to a transmitting entity “based on a processing speed by the receiving entity of data units stored in a receiving buffer.” Thus, in its amended form, it is clear that the receiving entity processes data units that have been stored in the buffer.

In claim 33, the phrase, “the transmitted” has been deleted.

Applicants submit that the foregoing amendments and remarks are sufficient to overcome the § 112 rejection.

II. The Rejection under 35 USC § 103

The Examiner rejected claims 1-35 for being obvious in view of the same ETSI-Le combination previously applied. Applicants request the Examiner to withdraw this rejection for the following reasons.

Claim 1 recites transmitting window size control information from a receiver to a transmitter based on a state of a receiving buffer that corresponds to the receiving window. As amended herein, claim 1 further recites that the window size control information “includes window size upward setting information, window size maintaining information, window size downward setting information, and is transmitted simultaneously with acknowledgment information.” The cited references do not teach or suggest these features.

The ETSI publication discloses transmitting a status PDU from a receiver to a transmitter. The status PDU may include a super-field which adjusts the window size of the transmitter or which includes an acknowledgment signal. However, the ETSI publication does not teach or suggest the features added by amendment to claim 1, including transmitting window size control information that “includes window size upward setting information, window size maintaining information, window size downward setting information,” and that this window size information “is transmitted simultaneously with acknowledgment information.”

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The Le patent also fails to teach or suggest the features added by amendment to claim 1.

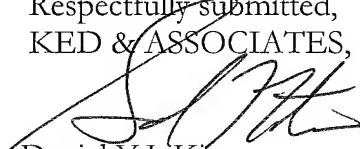
Based on the foregoing differences, Applicants submit that claim 1 and its dependent claims are allowable.

Claims 11 and 22 have been amended to recite features similar to those that patentably distinguish claim 1 from the ETSI and Le references. Accordingly, it is submitted that claim 11, 22, and their dependent claims are also allowable.

In view of the foregoing amendments and remarks, it is respectfully submitted that this application is in condition for allowance. Favorable consideration and prompt allowance are earnestly solicited.

To the extent necessary, a petition for an extension of time under 37 CFR § 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this, concurrent and future replies, including extension of time fees, to Deposit Account 16-0607 and please credit any excess fees to such deposit account.

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